

# INDIANA ASSOCIATION OF FLOODPLAIN AND STORMWATER MANAGEMENT

- ✘ Joe Becovitz
- ✘ Pesticide Program Specialist
- ✘ Office of Indiana State Chemist



**WHO IS THE STATE CHEMIST OFFICE, WHAT DO  
THEY DO AND WHY THE HECK SHOULD I CARE?**

# WHO IS THE STATE CHEMIST

---

- ✘ Dr. Bob Waltz (formerly the State Entomologist w/IDNR)
- ✘ State agency that regulates
  - + Seed
  - + Feed
  - + Fertilizer
  - + Anhydrous ammonia &
  - + **Pesticides**

# WHICH OF THESE IS A PESTICIDE?

Herbicide

Fungicide

Rodenticide

Insecticide

# IN REGISTRATION LAW

---

- ✘ 14,500 pesticide products X \$160 per year
- ✘ Label file
- ✘ Need help? Call 765-494-1587
  - + Product name
  - + Manufacturer
  - + EPA Registration #

# WHAT DOES THE SC DO?

---

- ✘ Administers two other pesticide laws
  - + FIFRA
  - + IN Pesticide Use and Application Law

# FIFRA

---

- ✘ Federal Insecticide, Fungicide and Rodenticide Act
- ✘ **Registration of pesticides**
  - + General use
  - + Restricted use
- ✘ Cooperative enforcement agreement with US EPA

# IN USE & APPLICATION LAW

---

- ✘ Requires certification & licensing
  - + To make for-hire applications
  - + To use RUP's
  - + For community wide mosquito control
  - + For golf course applications
  - + For school corporations

# IN USE & APPLICATION LAW

---

## × Licenses

- + Private applicator (farmer)
- + For-hire
- + Not for-hire
- + Public
- + Obtained from OISC yearly
- + Driver's license to apply pesticides

# WHAT DOES OISC DO?

---

- ✘ Regulates pesticides from cradle to grave – IDEM for some disposal and spills
- ✘ Performs routine inspections
  - + Producer establishments (DowAgro)
  - + Ag dealers
  - + Farms
  - + Seed treaters
  - + Lawn care

# INSPECTIONS

---

- + Golf courses
- + Aquatics
- + ROW
- + Aerial applicators
- + Pest control (termites etc...)
- + WDO inspections
- + Schools
- + Mosquito control programs (West Nile)

# INVESTIGATIONS

---

- ✘ Respond to complaints
  - + April thru October
  - + Agricultural drift
  - + Structural pest control
  - + Neighbor feuds

# Pesticide Investigators



Kevin  
Neal



Bob  
Brewer



Scott  
Farris



Kevin  
Gibson



Andy  
Roth



Brian  
Baker



Melissa  
Rosch



Jay  
Kelley



# WHERE MIGHT WE CROSS PATHS?

- ✘ Storage



HANDLE WITH CARE  
2-5 GALLON  
PLASTIC CONTAINERS

PHYTO-JOEK  
ADVANCED 22-700



INSIDE



AUT SIDE



FARM and GARDEN  
SPRAYER  
1.5 Gallon - Model 2000  
High Capacity PowerSprayer

No



# No



#\*%@% no!



# WHERE MIGHT WE CROSS PATHS?

- ✘ Applications or improper disposal

# OH NO PAW



# AUGUST 2015 FISH KILL REPORTED



# WATER, WATER EVERYWHERE

---

- ✘ Aug of 2015 fish kill is reported to IDNR
- ✘ CO walks creek and finds ~ 1800 dead fish
- ✘ IDEM joins investigation and finds
  - + High nitrate levels
  - + Ag Dealer is possible source
- ✘ Ag Dealer says...

**SOMEBODY SAY IT**



# WATER CONT.

---

- ✘ In summer of 2016 informant comes forward with information that fish kill was caused by the intentional dumping of leftover pesticides

YELLLL0000W



**YOU HAVE MY ATTENTION**



**OK GO ON**



# THE REAL STORY OF THE FISH KILL

- ✘ Informant advised that on August 14, 2015, an employee was dispatched to pick up a “tender truck” from an application site that was servicing an aerial applicator
- ✘ Upon his return to the plant in West Lebanon the employee was instructed by the Operations Manager to wash the truck out on the ground next to the creek the way they always do.

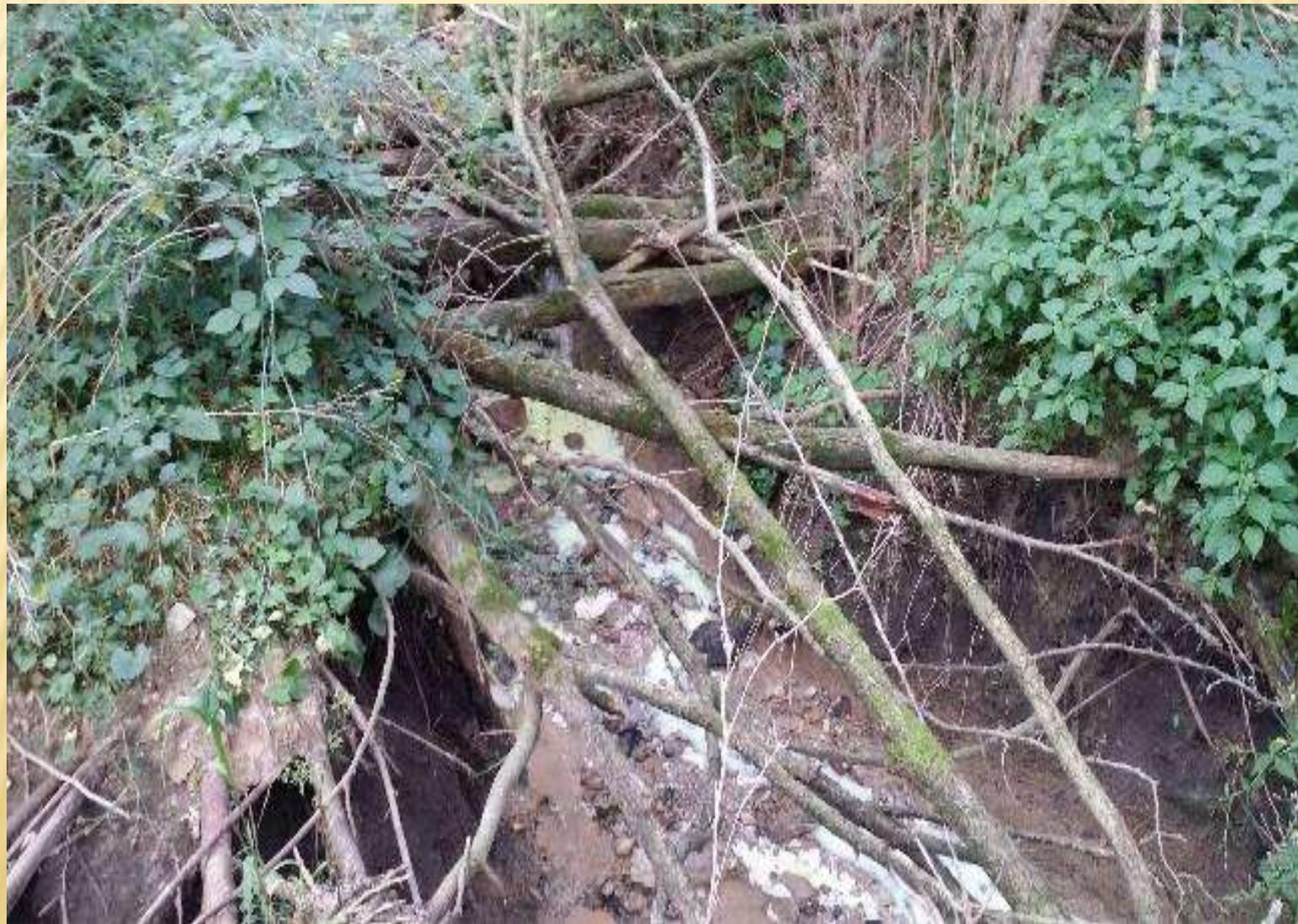




















# OISC AND IDNR RESPOND

---

- ✘ OISC and IDNR CO personnel visit site
- ✘ Soil samples
- ✘ Records copied
- ✘ Sworn statements taken

# QUESTIONS?

---

- ✘ George Saxton-Pesticide Compliance Officer
- ✘ [saxtong@purdue.edu](mailto:saxtong@purdue.edu)
- ✘ 765-494-1582